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SAITO MASAYUKI**(54) CATALYTIC METAL COLLOID****(57)Abstract:**

PROBLEM TO BE SOLVED: To obtain a catalyst having a high dispersibility and a high NO_x-occluding capacity when an alkali metal, an alkali earth metal or a rare earth metal is carried on a catalyst carrier.

SOLUTION: This catalytic metal colloid is used when a process A for carrying an alkali metal, an alkali earth metal or a rare earth metal, and a process B for carrying another chelated catalytic metal are executed as separate processes. When one kind or at least two kinds of catalytic metals to be used in the process B are made colloidal by chelating bond in this case, a certain specific polymer chelating agent is used.

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